

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Caulkins Oil Company

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

P.O. Box 780 Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1625' F/N and 790' F/W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. OIL CON. DIV.

SEP 12 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 03551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "E"

9. WELL NO.

89-E

10. FIELD AND POOL, OR WILDCAT

South Blanco Tocito

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Section 3, 26N 6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 7-5-85 16. DATE T.D. REACHED 7-18-85 17. DATE COMPL. (Ready to prod.) 9-6-85 18. ELEVATIONS (OF, RKB, RT, GE, ETC.)* 6532 GR 19. ELEV. CASINGHEAD 7536

20. TOTAL DEPTH, MD & TVD 7536' 21. PLUG BACK T.D., MD & TVD 7536' 22. IF MULTIPLE COMPL., HOW MANY* Two (2) 23. INTERVALS DRILLED BY ROTARY TOOLS 0 7536 CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6790' to 6802' (Tocito) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN ES Gamma Ray Correlation and Denisity Logs 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

29. LINER RECORD

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33. PRODUCTION

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Charles E. DeGuerre* TITLE Superintendent DATE 9-9-85

* (See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2362	2540	Water Sand	Alamo	2362	2362
Pictured Cliffs	3020	3098	Gas Sand	Pictured Cliffs	3020	3020
Chacra	3861	3874	Gas Sand	Chacra	3861	3861
Mesa Verde	4721	5410	Gas Sand	Mesa Verde	4721	4721
Tocito	6788	6805	Oil Sand	Tocito	6788	6788
Greenhorn	7172	7230	Gas Sand	Greenhorn	7172	7172
Dakota	7257	7500	Gas Sand	Dakota	7257	7257
Hole Deviation Test						
			Depth	Degrees		
			433	1/2		
			976	1/2		
			1350	3/4		
			1879	3/4		
			2391	3/4		
			2895	3/4		
			3336	1		
			3840	1 1/4		
			4366	1 1/2		
			4848	1 1/4		
			5352	1 1/4		
			5854	1		
			6263	3/4		
			6756	1		
			7291	3/4		

Ran New 5 1/2" K-55 8rd thd Casing as follows:

7536' to 6533'	(1003')	New 5 1/2"	17#	LT&C	K-55 Smls Casing
6533' to 954'	(5579')	New 5 1/2"	15.5#	ST&C	K-55 Smls Casing
954' to Surface	(954')	New 5 1/2"	17#	LT&C	K-55 Smls Casing

Stage Tools run in 5 1/2" Casing at 5487' and 3385'.

Cement Baskets run on 5 1/2" Casing at 5527' and 3423'.

24 Centralizers run on Casing string at following points:

7520', 7479', 7437', 7395', 7354', 7313', 7274', 7233', 7192', 7150', 7107', 7066', 5568', 5443', 5401', 5317', 5233', 5148', 5106', 5062', 5018', 4976', 3467' and 3342'.

Cemented 5 1/2" Casing in three (3) Stages.

First Stage cemented thru Shoe at 7536' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel and 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Latex Cement. Plug down 11:00 PM 7-18-85.

Second Stage cemented thru Stage Tool set at 5487' with 250 sacks (412.50 Cu.Ft.) Light weigh 5 Plus 4% Gel and 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Latex Cement. Plug down 12:30 AM 7-19-85.

Third Stage cemented thru Stage Tool set at 3385' with 500 sacks (825 Cu.Ft.) Light Weigh 5 Plus 4% Gel and 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement. Plug down 1:45 AM 7-19-85.

Cement circulated on all three (3) Stages.

Approx 6 bbls slurry on first Stage.

Approx 4 bbls slurry on second Stage.

Approx 15 bbls slurry on third Stage.